

March 19, 1949.

Dear Max,

As I wrote in in the letter that accompanied the slants, H-168 is multiply heterozygous for Lac, Gal, Xyl and Mtl, and I have been doing some detailed segregation studies on it. Unlike H-72, the predominant segregants are Lac⁺ Gal⁺ Xyl⁻ Mtl⁻. It may be more convenient to use mannitol or xylose FMB in studying this heterozygote, since there is much less chance of confusing segregants with variegated colonies. There is a very marked preponderance of Lac⁺ among the segregants of H-168, and it would not be difficult to miss the few Lac⁻. The segregating colonies on FMB Lac are not nearly so striking as are those of H-72, or of H-168 on xylose mannitol.

Sincerely,